

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD053025\
 Data File : VD080401.D
 Acq On : 30 May 2025 14:38
 Operator : RP/MD
 Sample : VSTDICV050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD053025

Quant Time: May 31 00:45:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D053025S.M
 Quant Title : SW846 8260
 QLast Update : Sat May 31 00:36:06 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	123	0.00
2 T	Dichlorodifluoromethane	0.573	0.503	12.2	120	0.00
3 P	Chloromethane	0.976	0.905	7.3	118	0.00
4 C	Vinyl Chloride	1.091	1.043	4.4#	118	0.00
5 T	Bromomethane	0.775	0.658	15.1	121	0.00
6 T	Chloroethane	0.742	0.661	10.9	115	0.00
7 T	Trichlorofluoromethane	1.002	0.955	4.7	117	0.00
8 T	Diethyl Ether	0.296	0.315	-6.4	126	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.607	0.574	5.4	119	0.00
10 T	Methyl Iodide	0.598	0.663	-10.9	125	0.00
11 T	Tert butyl alcohol	0.036	0.037	-2.8	135	0.00
12 CM	1,1-Dichloroethene	0.579	0.580	-0.2#	122	0.00
13 T	Acrolein	0.062	0.062	0.0	118	0.00
14 T	Allyl chloride	0.954	1.010	-5.9	132	0.00
15 T	Acrylonitrile	0.145	0.147	-1.4	126	0.00
16 T	Acetone	0.117	0.172	-47.0#	173#	0.00
17 T	Carbon Disulfide	2.082	2.043	1.9	121	0.00
18 T	Methyl Acetate	0.404	0.381	5.7	121	-0.01
19 T	Methyl tert-butyl Ether	1.285	1.355	-5.4	131	0.00
20 T	Methylene Chloride	0.802	0.816	-1.7	146	0.00
21 T	trans-1,2-Dichloroethene	0.633	0.636	-0.5	130	0.00
22 T	Diisopropyl ether	1.950	1.980	-1.5	116	0.00
23 T	Vinyl Acetate	1.113	1.161	-4.3	121	0.00
24 P	1,1-Dichloroethane	1.214	1.107	8.8	119	0.00
25 T	2-Butanone	0.175	0.201	-14.9	144	0.00
26 T	2,2-Dichloropropane	0.967	0.937	3.1	126	-0.01
27 T	cis-1,2-Dichloroethene	0.725	0.699	3.6	125	0.00
28 T	Bromochloromethane	0.569	0.507	10.9	120	0.00
29 T	Tetrahydrofuran	0.118	0.117	0.8	121	0.00
30 C	Chloroform	1.229	1.166	5.1#	127	0.00
31 T	Cyclohexane	1.085	1.072	1.2	128	0.00
32 T	1,1,1-Trichloroethane	1.029	0.972	5.5	121	0.00
33 S	1,2-Dichloroethane-d4	0.624	0.576	7.7	125	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	109	0.00
35 S	Dibromofluoromethane	0.325	0.358	-10.2	121	0.00
36 T	1,1-Dichloropropene	0.499	0.570	-14.2	127	0.00
37 T	Ethyl Acetate	0.245	0.264	-7.8	119	0.00
38 T	Carbon Tetrachloride	0.506	0.559	-10.5	127	0.00
39 T	Methylcyclohexane	0.566	0.640	-13.1	122	0.00
40 TM	Benzene	1.509	1.717	-13.8	127	0.00
41 T	Methacrylonitrile	0.138	0.143	-3.6	121	0.00
42 TM	1,2-Dichloroethane	0.432	0.451	-4.4	117	0.00
43 T	Isopropyl Acetate	0.452	0.503	-11.3	120	0.00
44 TM	Trichloroethene	0.354	0.362	-2.3	112	0.00
45 C	1,2-Dichloropropane	0.387	0.408	-5.4#	119	0.00
46 T	Dibromomethane	0.210	0.206	1.9	109	0.00
47 T	Bromodichloromethane	0.531	0.563	-6.0	117	0.00
48 T	Methyl methacrylate	0.220	0.255	-15.9	117	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.003	-50.0#	122	0.00
50 S	Toluene-d8	1.308	1.121	14.3	91	0.00
51 T	4-Methyl-2-Pentanone	0.239	0.232	2.9	103	0.00
52 CM	Toluene	0.915	0.840	8.2#	96	0.00
53 T	t-1,3-Dichloropropene	0.490	0.428	12.7	89	0.00
54 T	cis-1,3-Dichloropropene	0.561	0.520	7.3	102	0.00
55 T	1,1,2-Trichloroethane	0.280	0.230	17.9	86	0.00
56 T	Ethyl methacrylate	0.342	0.321	6.1	94	0.00
57 T	1,3-Dichloropropane	0.479	0.407	15.0	91	0.00
58 T	2-Chloroethyl Vinyl ether	0.143	0.143	0.0	96	0.00
59 T	2-Hexanone	0.162	0.170	-4.9	105	0.00
60 T	Dibromochloromethane	0.342	0.292	14.6	99	0.00
61 T	1,2-Dibromoethane	0.251	0.213	15.1	97	0.00
62 S	4-Bromofluorobenzene	0.400	0.347	13.3	110	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	110	0.00
64 T	Tetrachloroethene	0.337	0.328	2.7	91	0.00
65 PM	Chlorobenzene	1.096	1.136	-3.6	113	0.00
66 T	1,1,1,2-Tetrachloroethane	0.369	0.373	-1.1	110	0.00
67 C	Ethyl Benzene	1.850	2.028	-9.6#	114	0.00
68 T	m/p-Xylenes	0.724	0.784	-8.3	112	0.00
69 T	o-Xylene	0.674	0.711	-5.5	111	0.00
70 T	Styrene	1.189	1.264	-6.3	109	0.00
71 P	Bromoform	0.204	0.209	-2.5	107	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	126	0.00
73 T	Isopropylbenzene	3.436	3.060	10.9	112	0.00
74 T	N-amyl acetate	0.932	0.894	4.1	120	0.00
75 P	1,1,2,2-Tetrachloroethane	0.726	0.587	19.1	107	0.00
76 T	1,2,3-Trichloropropane	0.514	0.545	-6.0	130	0.00
77 T	Bromobenzene	0.845	0.730	13.6	113	0.00
78 T	n-propylbenzene	4.272	3.956	7.4	112	0.00
79 T	2-Chlorotoluene	2.461	2.172	11.7	111	0.00
80 T	1,3,5-Trimethylbenzene	2.868	2.605	9.2	110	0.00
81 T	trans-1,4-Dichloro-2-butene	0.257	0.234	8.9	118	0.00
82 T	4-Chlorotoluene	2.626	2.333	11.2	111	0.00
83 T	tert-Butylbenzene	2.411	2.170	10.0	112	0.00
84 T	1,2,4-Trimethylbenzene	2.853	2.656	6.9	110	0.00
85 T	sec-Butylbenzene	3.636	3.381	7.0	112	0.00
86 T	p-Isopropyltoluene	3.056	3.318	-8.6	129	0.00
87 T	1,3-Dichlorobenzene	1.732	1.715	1.0	125	0.00
88 T	1,4-Dichlorobenzene	1.732	1.813	-4.7	137	0.00
89 T	n-Butylbenzene	3.097	3.282	-6.0	114	0.00
90 T	Hexachloroethane	0.678	0.651	4.0	108	0.00
91 T	1,2-Dichlorobenzene	1.497	1.544	-3.1	118	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.118	0.118	0.0	101	0.00
93 T	1,2,4-Trichlorobenzene	0.935	0.944	-1.0	98	0.00
94 T	Hexachlorobutadiene	0.494	0.488	1.2	99	0.00
95 T	Naphthalene	1.740	1.960	-12.6	109	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.830	0.891	-7.3	102	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6